



PTO/SB/21 (05-03)  
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/612,482
	Filing Date	July 02, 2003
	First Named Inventor	Daniel David Lecloux Et. Al.
	Art Unit	2879
	Examiner Name	Unknown
Total Number of Pages in This Submission	Attorney Docket Number	UC0213 US NA4

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Group
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	E. I. DU PONT DE NEMOURS AND COMPANY
Signature	Mary Ann Capria, Reg.no.32,659
Date	4/20/2004

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. <u>April 21, 2004</u>	
Typed or printed name	Diane M. Dick
Signature	Diane M. Dick
Date	April 21, 2004

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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN THE APPLICATION OF:

DANIEL DAVID LECLOUX ET. AL.

CASE NO.: UC0213 US NA4

APPLICATION NO.: 10/612,482

CONFIRMATION NO.: 3485

GROUP ART UNIT: 2879

EXAMINER: UNKNOWN

FILED: JULY 02, 2003

FOR: ELECTRONIC DEVICES MADE WITH ELECTRON TRANSPORT AND/OR ANTI-QUENCHING LAYERS

**INFORMATION DISCLOSURE STATEMENT**

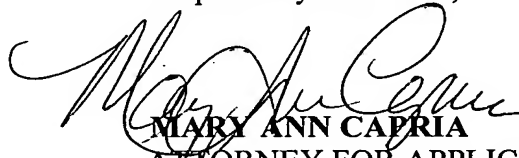
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Alexandria, VA 22313-1450

Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicants would like to bring to the attention of the U.S. Patent and Trademark Office information that may be helpful in the examination of the above-identified patent application. All of the information is listed on an attached Form PTO/SB/08A and 08B. A copy of the required information is attached hereto.

In accordance with the provisions of 37 CFR 1.97(e)(1), I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.

Respectfully submitted,



**MARY ANN CAPRIA**  
ATTORNEY FOR APPLICANTS

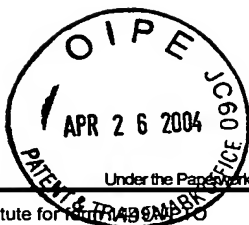
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Dated: 4/20/2004

Enclosures



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Substitute for Form PTO/SB/08A

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

### Complete if Known

Application Number	10/612,482
Filing Date	July 02, 2003
First Named Inventor	DANIEL DAVID LECLOUX
Group Art Unit	2879
Examiner Name	UNKNOWN
Attorney Docket Number	UC0213USNA4

### U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup>	(if known)			
		US -	5,545,639 A	08/13/1996	Rabinovitz et al.	
		US -	6,310,360 B1	10/30/2001	Forrest et al.	
		US -	2002/0045061 A1	04/18/2002	Hosokawa	
		US -	2002/0055015 A1	05/09/2002	Sato et al.	
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### FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
		CountryCode <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
			EP 1 097 981 A2	05/09/2001	Sony Corporation		<input type="checkbox"/>
			EP 1 215 945 A2	06/19/2002	Sanyo Electric Co., Ltd.		<input type="checkbox"/>
			J6-88072	03/29/1994	Idemitsu Kosan Co. Ltd.		<input type="checkbox"/>
			WO 99/48160 A1	09/23/1999	Cambridge Display Techn		<input type="checkbox"/>
			WO 00/70655 A2	11/23/2000	Princeton Univ&Univ SoCal		<input type="checkbox"/>
			WO 02/51206 A2	06/27/2002	Princeton University		<input type="checkbox"/>
			WO 02/091814 A2	11/21/2002	Princeton Univ&Univ SoCal		<input type="checkbox"/>
			WO 02/101838 A1	12/19/2002	Princeton University		<input type="checkbox"/>
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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				Application Number	10/612.482
				Filing Date	July 02, 2003
				First Named Inventor	Daniel David Ledoux Et. Al.
				Art Unit	2879
				Examiner Name	Unknown
Sheet	2	of	2	Attorney Docket Number	UC0213 US NA4

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		ZHU, LIHUA et al., A relationship between driving voltage and the highest occupied molecular orbital level of hole-transporting metallophthalocyanine layer for organic electroluminescence devices, Thin Solid Films, 2001, 213-218, 396, Elsevier Science B.V.	<input type="checkbox"/>
		NAKA, SHIGEKI et al., High electron mobility in bathophenanthroline, Applied Physics Letters, 10 January 2000, 197-199, 76(2), American Institute of Physics	<input type="checkbox"/>
		DIETRICH-BUCHECKER, CHRISTIANE et al., Selective and efficient synthesis of di-, tri- and tetrasubstituted 1,10-phenanthrolines, Tetrahedron Letters, 1999, 3395-3396, 40, Elsevier Science Ltd.	<input type="checkbox"/>
		THOMAS, K.R. JUSTIN et al., Quinoxalines Incorporating Triarylaminos: Potential Electroluminescent Materials with Tunable Emission Characteristics, Chem. Mater., 2002, 2796-2802, 14, American Chemical Society	<input type="checkbox"/>
		YAMAMOTO, TAKAKAZU et al., Preparation of New Electron-Accepting $\pi$ -Conjugated Polyquinoxalines. Chemical and Electrochemical Reduction, Electrically Conducting Properties, and Use in Light-Emitting Diodes, J. Am. Chem. Soc., 1996, 3930-3937, 118, American Chemical Society	<input type="checkbox"/>
		REDECKER, M. et al., Electron transport in starburst phenylquinoxalines, Applied Physics Letter, July 5, 1999, 109-111, 75(1), American Institute of Physics	<input type="checkbox"/>

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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